

TRIBUTARIES BETWEEN PARKER DAM AND GILA RIVER

09428545 CUNNINGHAM WASH TRIBUTARY NEAR WENDEN, AZ

LOCATION.--Lat 34°00'35", long 113°34'40", in SE¹/₄NE¹/₄ sec.26, T.8 N., R.13 W., Yuma County, Hydrologic Unit 15030105, Alamo Dam access road, 13 mi north of Wenden.

DRAINAGE AREA.--0.77 mi².

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1964	08-02-64	173		1971	00-00-71	68	
1965	04-04-65	5.0	ES	1972	09-17-72	12	
1966	08-18-66	46		1973	10-06-72	31	
1967	08-20-67	155		1974	07-20-74	85	
1968	08-06-68	88		1975	07-25-75	0.4	ES
1969	08-00-69	15		1976	09-25-76	48	
1970	08-10-70	80	ES				

Magnitude and probability of instantaneous peak flow based on period of record 1964-76

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50†	100†
50%	20%	10%	4%	2%	1%
52.1	101	140	198	245	296
Weighted skew	(logs) =	-0.19			
Mean	(logs) =	1.71			
Standard dev.	(logs) =	0.35			

† Reliability of values in column is uncertain, and potential errors are large.

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
365	1.8	2,330	0.0	3.0	8.1	1.6	3.8

